

**ABSTRACT**

A collagen fiber and methods for producing and using the collagen fiber of the inventions to prepare hemostatic fabrics to control bleeding are provided. The collagen particles (e.g., fibrils) of the fiber, preferably, have a hemostatic activity that is equivalent to the hemostatic activity of the collagen particles from which the fiber is formed. The collagen fibers of the invention and hemostatic fabrics formed thereof optionally include hemostatic agents and/or other therapeutic agents, to further promote hemostasis and wound healing.